THE POTATO DISEASE & HOW TO PREVENT IT

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649024483

The Potato Disease & How to Prevent It by Frederick Bravender

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

FREDERICK BRAVENDER

THE POTATO DISEASE & HOW TO PREVENT IT



THE

POTATO DISEASE

AND

HOW TO PREVENT IT

BY

FREDERICK BRAVENDER

AUTHOR OF 'HOW TO PREVENT FAMILES IN INDIA' ETC.

LONDON:

'FARM JOURNAL' OFFICE, 81, GREAT QUEEN STREET.
1880.

All rights reserved

Charlenge

B8265p

1(4)

With the authors

PREFACE.

I SHOULD have preferred to delay the publication of my notes on the Potato Disease for another year, until additional information could have been obtained on one or two points; but the losses by the disease last year were so very great, and the attention of the public so generally drawn to it, that on consideration I decided to publish without delay such information as I possessed; and if this little work should meet with a favourable reception on the part of the public, any additional information might be readily embodied in future editions.

THE AUTHOR.

. . × 2 84

CONTENTS.

CHAPTER	PJ	GE
I.	INTRODUCTORY, AND PIRST APPEARANCE OF THE DISEASE	1
П.	THEORIES WHICH HAVE BEEN ADVANCED TO ACCOUNT	
	FOR THE ORIGIN OF THE DISEASE	10
ш.	THEORIES, RIC., CONTINUED	21
IV.	THE FUNGOID THEORY	28
V.		36
VI.	THE DISEASE AT VINCENNES, FRANCE	40
VII.	AT WHAT STAGE OF THE PLANT DISEASE IS MOST	
	LIABLE TO COMMENCE	43
VIII.	RECOMMENDATION TO GROWERS ON SMALL SCALE FOR	
	PERVENTION AND MITIGATION OF LOSSES BY THE	2
	Disease	45
IX.	DISEASE-RESISTING POTATORS	50
X.	AUTUMN PLANTING, AND CUTTING THE TOPS	55
XI.	DIRECTIONS FOR THE GROWER ON A LARGE SCALE .	58
XII.	STAMPING OUT AND EXTINGUISHING THE DISPASE, WITH	
	Concluding Remarks	67
	APPENDICES.	
I.	DRY ROT OF MARTIUS	73
п.		74
III.	English Commissioners' Report	75
IV.	M. BIROT ON POTATORS (TRANSLATED FROM THE 'AGRI-	
	5 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	78

THE POTATO DISEASE

AND

HOW TO PREVENT IT.

CHAPTER I.

Norwithstanding all that has been written on the subject of the potato disease, it appears to me that there is an opening for a work treating of it from a practical point of view, and embodying at the same time our most recent scientific knowledge. There are a great many facts with regard to the disease which I have never seen brought before the public; and, in the case of other facts which have been brought forward, an entirely wrong interpretation has in some instances been put on them. I also find that a great amount of ignorance prevails generally with regard to the disease; not only amongst gardeners and labourers, but also to a certain extent in the case of others whose education and experience would lead one to expect differently.

The potato is certainly not cultivated at present in the way it ought to be, nor has any effort been made to meet the attacks of the disease upon well defined principles. I hope the remarks contained in the following chapters will be the means

of introducing a better order of things.

Some years ago very great interest was taken in the potato disease generally. Its sudden appearance, and the apparent mystery which attended its arrival, the large loss of life, and the important economic results that it produced in Ireland, all tended to increase the interest in the subject;